

# Permit to Operate

**FACILITY:** C-313

**EXPIRATION DATE:** 01/31/200

**LEGAL OWNER OR OPERATOR:** J.P. OIL COMPANY, INC.

**MAILING ADDRESS:** P O BOX 52584  
LAFAYETTE, LA 70505

**FACILITY LOCATION:** 3P PLANT, KETTLEMAN HILLS  
KINGS COUNTY, CA

**FACILITY DESCRIPTION:** PETROLEUM PRODUCTION

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**DAVID L. CROW**

Executive Director / APCO

**Seyed Sadredin**

Director of Permit Services

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-0-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

## **PERMIT UNIT REQUIREMENTS**

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031], [Federally Enforceable Through Title V]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0], [Federally Enforceable Through Title V]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

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13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2], [Federally Enforceable Through Title V]
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3], [Federally Enforceable Through Title V]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1], [Federally Enforceable Through Title V]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2], [Federally Enforceable Through Title V]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3], [Federally Enforceable Through Title V]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4], [Federally Enforceable Through Title V]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA Method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repack such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repack such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2], [Federally Enforceable Through Title V]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601, Sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official [District Rule 2520, 9.14.1 and 10.0], [Federally Enforceable Through Title V]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

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31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020], [Federally Enforceable Through Title V]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under Section 4 of Rule 8030 (4/25/96). [District Rule 8030], [Federally Enforceable Through Title V]
33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under Section 4 of Rule 8060 (4/25/96). [District Rule 8060], [Federally Enforceable Through Title V]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, Sections 6.1 and 7.0 (12/17/92); 2010, Sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, Section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, Sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. All required source testing shall conform to the compliance testing procedures described in District Rule 1081(as amended December 16, 1993). [District Rule 1081 and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
42. A leak is defined as the dripping at a rate of more than three (3) drops per minute of liquid containing VOCs or a reading as methane in excess of 10,000 ppm above background when measured at a distance of one (1) centimeter from the potential source in accordance with EPA Method 21. [District Rule 4403,3.3.1], [Federally Enforceable Through Title V]
43. The instrument used for leak detection shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) zero air (less than 10 ppm of hydrocarbon in air) and B) mixture of methane and air at a concentration of about, but less than 10,000 ppm methane. [District Rule 4403, 3.3.1], [Federally Enforceable Through Title V]
44. Each hatch shall be closed at all times except during sampling or attended maintenance operations. [District Rule 4403, 5.2.1], [Federally Enforceable Through Title V]
45. All components, excluding flanges and threaded connections, handling VOCs shall be inspected at least quarterly to detect any leaks. If less than two (2) percent of any component type subject to the prohibitions of this permit, except for pressure relief valves, pumps, and compressors, are found to leak during each of five (5) consecutive quarterly inspections, the inspection frequency for that component type may be changed from quarterly to annual. If any annual inspection shows that two (2) percent or more of all of a specific component type subject to the prohibitions of this permit are leaking, then quarterly inspections of that component type shall be resumed. All flanges and threaded connections handling VOCs shall be inspected at least annually to detect any leaks. [District Rule 4403, 5.2.3], [Federally Enforceable Through Title V]
46. Each open-ended line shall be sealed with two (2) valves, a blind flange, a cap or a plug except when open end is in use. [District Rule 4403, 5.2.2], [Federally Enforceable Through Title V]
47. Components that are located in inaccessible locations or in areas unsafe for personnel shall be inspected and repaired at least annually and during shutdown, and such components shall be identified in the operator management plan. [District Rule 4403, 5.2.4], [Federally Enforceable Through Title V]

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48. All pumps shall be visually inspected at least weekly to detect any liquid leaks. [District Rule 4403, 5.2.5], [Federally Enforceable Through Title V]
49. Each pressure relief valve shall be inspected for leaks within one (1) working day after venting to atmosphere. [District Rule 4403, 5.2.6], [Federally Enforceable Through Title V]
50. Any leaking component shall be identified by the operator affixing a weatherproof, readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and re-inspection document compliance with the requirements of this permit. [District Rule 4403, 5.2.7], [Federally Enforceable Through Title V]
51. Any leak detected on the basis of sight, smell, or sound shall be identified by the operator affixing a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and reinspection document compliance, whether or not operator inspection is otherwise required by this permit. [District Rule 4403, 5.2.8], [Federally Enforceable Through Title V]
52. Any leaking component and any leak shall be repaired to a leak-free condition and reinspected within 15 calendar days. [District Rule 4403, 5.2.9], [Federally Enforceable Through Title V]
53. The number of leaks of a component type shall not exceed one component or two (2) percent of the total number of components of that type that were inspected and that are subject to the requirements of this permit, whichever is greater. For inspections conducted by District personnel to determine compliance with this requirement, the number of components inspected shall constitute a statistically representative sample for each component type. [District Rule 4403, 5.2.10], [Federally Enforceable Through Title V]
54. Any component leak shall be repaired to a leak-free condition or vented to a flare satisfying the requirements of 40 CFR 60.18 or to a vapor control device that is at least 95 percent efficient as measured by EPA Method 25 within fifteen (15) calendar days of detection. The APCO may grant a ten (10) calendar day extension provided the operator demonstrates that necessary and sufficient actions are being taken to correct the leak within this time period. [District Rule 4403, 5.3.1], [Federally Enforceable Through Title V]
55. If the leaking component is an essential part of a critical process identified in the operator management plan and which cannot be immediately shut down for repairs, the operator shall minimize the leak within 15 calendar days. If the leak which has been minimized still exceeds the limit in this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. [District Rule 4403, 5.3.1.1], [Federally Enforceable Through Title V]
56. Any component leak identified by a Notice to Repair issued by the District shall be repaired and re-inspected as specified in District Rule 4403, 5.2.7, 5.2.8 and 5.2.9 (as amended February 16, 1995). [District Rule 4403, 5.3.2], [Federally Enforceable Through Title V]
57. Each operator shall maintain an inspection log containing, at a minimum, the following: name, location, type of components, and description of any unit where leaking components are found; date of leak detection, emission level (ppm) of leak, and method of detection; date and emission level of recheck after leak is repaired; total number of components inspected, and total number and percentage of leaking components found; Identification and location of essential parts of critical process units found leaking that cannot be repaired until the next process unit turnaround; and method used to minimize the leak from essential parts of critical process units which cannot be repaired until the next process unit turnaround. [District Rule 4403, 6.2.1], [Federally Enforceable Through Title V]
58. Copies of the inspection log shall be retained by the operator for a minimum of five years after the date of an entry and shall be made available upon request to District personnel. [District Rule 4403, 6.2.3], [Federally Enforceable Through Title V]
59. Samples shall be analyzed by ASTM Methods E-260-73, E-168-67, or E-169-63. Halogenated exempt compounds shall be determined by ARB Method 432. [District Rule 4403, 6.3.1], [Federally Enforceable Through Title V]
60. Emissions of VOC shall be measured by EPA Method 25, 25a, or 25b, as applicable. Halogenated exempt compounds shall be determined by ARB Method 422. [District Rule 4403, 6.3.2], [Federally Enforceable Through Title V]
61. Leak detection shall be performed in accordance with EPA Method 21. [District Rule 4403, 6.3.4], [Federally Enforceable Through Title V]
62. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
63. Compliance with permit conditions in the Title V permit shall be deemed compliance with County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
64. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4403 (amended February 16, 1995), formerly District Rule 465.3. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
65. The requirements of 40 CFR 60 Subpart KKK and 40 CFR 60 Subpart LLL do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
66. The facility shall comply with all applicable requirements regarding preparation and implementation of a risk management by June 21, 1999 and shall abide by all sections of 40 CFR Part 68. [40 CFR 68], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-2-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

LIQUIFIED PETROLEUM GAS (LPG) LOADING RACK WITH VAPOR RECOVERY SYSTEM SERVING RACK AND C5+ STORAGE VESSELS.

## **PERMIT UNIT REQUIREMENTS**

1. All loading and vapor recovery equipment shall be maintained such that there is no liquid or vapor leakage of petroleum products. [District NSR Rule], [Federally Enforceable Through Title V]
2. The permittee shall record daily throughput. [District NSR Rule], [Federally Enforceable Through Title V]
3. The daily throughput for the loading rack shall not exceed 43,600 gallons of propane. [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of VOC from the loading rack shall not exceed 292.1 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
5. The Operator Management Plan for the facility shall include this loading rack. [District Rule 4403], [Federally Enforceable Through Title V]
6. Operator shall ensure all required source testing conforms to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
7. Operator shall maintain all records of required monitoring data and support information for inspection for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
8. This unit shall be equipped with a system to prevent the release to atmosphere of at least 95% by weight of the VOCs displaced during the loading of delivery vessels. [District Rule 4624, 5.1.2 and Fresno County Rule 412(C)(1)], [Federally Enforceable Through Title V]
9. The vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. This requirement shall not apply to the loading of liquid petroleum gas. [District Rules 4621, 5.3.4 and 4624, 5.2], [Federally Enforceable Through Title V]
10. The transfer of gasoline from any delivery vessel to any stationary storage container with 250 gallon capacity or more shall not be allowed unless the container is equipped with a permanent submerged fill pipe and an ARB certified Phase I vapor recovery system, which is maintained and operated according to the manufacturers specifications. [District Rule 4621, 5.1.1], [Federally Enforceable Through Title V]
11. No gasoline shall be placed, stored, or held in any above-ground tank of 250 gallon capacity or more unless it is equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the tank. [District Rule 4621, 5.1.2], [Federally Enforceable Through Title V]
12. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 lb/1000 gallons loaded; or Class 2 loading facilities equipped with a system to control at least 95% of VOC displaced; and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rules 4621, 5.2.2 and 4624, 5.3; and Kings County Rule 412, 4(a)], [Federally Enforceable Through Title V]
13. No gasoline delivery vessel shall be used or operated unless it is vapor tight. No gasoline delivery vessel shall be operated or loaded unless valid State of California decals are displayed on the cargo tank, attesting to the vapor integrity of the tank as verified by annual performance of CARB required Certification and Test Procedures for Vapor Recovery Systems for Cargo Tanks. [District Rule 4621, 5.2.1 & 5.2.2, Health & Safety Code, section 41962, and CCR, Title 17 section 94004], [Federally Enforceable Through Title V]
14. Loading throughput of organic liquid, with a TVP of 1.5 psia or greater shall not exceed 20,000 gallons on any one day at this loading facility. Monitoring records of daily throughput shall be maintained to demonstrate compliance. [District Rules 4624, 3.3 and 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Gasoline vapors shall not be purged into the atmosphere. [District Rule 4621, 5.3.3], [Federally Enforceable Through Title V]
16. Construction, reconstruction (as defined in District Rule 4001, amended January 19, 1995), or expansion of any top loading facility shall not be allowed. [District Rule 4624, 5.5], [Federally Enforceable Through Title V]

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17. Loading and vapor collection equipment shall be designed, installed, maintained and operated such that there are no leaks or excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls for bottom loading or 2 mls for top loading, per average of 3 consecutive disconnects. [District Rule 4624, 5.4, 3.6 and Fresno County Rule 412], [Federally Enforceable Through Title V]
18. During the loading of delivery vehicles, operator shall perform and record the results of quarterly leak inspections of the loading and vapor collection equipment at each loading arm. If none of the components are found to be leaking during five consecutive quarterly inspections, the leak inspection frequency may be changed from quarterly to semiannual. However, if one or more of the components are found to leak during a semiannual inspection, the inspection frequency shall change back to quarterly. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be measured at a distance of one centimeter from the potential source. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
19. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of quarterly drainage inspections at disconnect for each loading arm. If no excess drainage is found during five consecutive quarterly inspections, the drainage inspection frequency may be changed from quarterly to annual. However, if one or more excess drainage condition is found during an annual inspection, the inspection frequency shall change back to quarterly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. The permittee shall maintain an inspection log containing at least the following: A) dates of leak and drainage inspections, B) leak determination method, C) findings, D) corrective action (including date each leak or excess drainage condition repaired), and E) inspector name and signature. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624, 6.2.1 and County Rules 412 (Fresno, Kings, Stanislaus, Merced, and San Joaquin), 413 (Kern and Tulare), and 419 (Merced)], [Federally Enforceable Through Title V]
23. VOC emissions shall be determined annually using 40CFR 60.503 "Test Methods and Procedures," and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 432, or ARB Method 2-4. [District Rule 4624, 6.2.2], [Federally Enforceable Through Title V]
24. The vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. The test method to determine vapor tightness of delivery vessels owned or operated by this facility shall be EPA Method 27. [District Rule 4621, 6.2.3], [Federally Enforceable Through Title V]
26. The vapor collection and control system shall consist of a device which returns collected vapors to a product storage tank only. The system shall not include a device which incinerates, adsorbs or otherwise treats collected vapors. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
27. Loading of a delivery vessel shall discontinue if its pressure relief valve opens. Corrective action shall be taken should this condition occur. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), 110 (Madera), and 412 (Fresno and Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rules 4621 (as amended May 20, 1993), excluding section 5.2 for railroad car gasoline delivery vessels only, and 4624 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
30. The requirements of SJVUAPCD Rules 4661 (as amended December 17, 1992); County Rules 412 (Stanislaus, Merced, and San Joaquin), 413 (Kern and Tulare), and 419 (Merced); and 40CFR Part 60, Subpart XX and 40CFR Part 63, Subpart R do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-3-2

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

260 HP INGERSOLL-RAND I.C. ENGINE, SN 8AV395, DRIVING PISTON-TYPE COMPRESSOR.

## **PERMIT UNIT REQUIREMENTS**

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1. This engine shall not be operated at the same time as the engine permitted by C-313-4. [District NSR Rule], [Federally Enforceable Through Title V]
  2. Fuel usage for this engine and that of permit C-313-4 shall not exceed a combined total of 43,000 scf/day. [District NSR Rule], [Federally Enforceable Through Title V]
  3. Permittee shall record daily fuel usage. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  4. Engine shall operate in compliance with the requirements of Rule 4701 (Internal Combustion Engines). [District Rule 4701]
  5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
  6. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
  7. Unit shall be fired only on natural gas with a sulfur content of less than or equal to 4.2% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
  8. If the IC engine is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  9. If the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  10. If the engine is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  11. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
  12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rule 4201; Kings County APCD Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Kings County APCD Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]



**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-4-2

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

260 HP INGERSOLL-RAND I.C. ENGINE, SN 8AV353, DRIVING PISTON-TYPE COMPRESSOR.

**PERMIT UNIT REQUIREMENTS**

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1. This engine shall not be operated at the same time as the engine permitted by C-313-4. [District NSR Rule], [Federally Enforceable Through Title V]
2. Fuel usage for this engine and that of permit C-313-4 shall not exceed a combined total of 43,000 scf/day. [District NSR Rule], [Federally Enforceable Through Title V]
3. Permittee shall record daily fuel usage. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. Engine shall operate in compliance with the requirements of Rule 4701 (Internal Combustion Engines). [District Rule 4701]
5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
6. Particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
7. Unit shall be fired only on natural gas with a sulfur content of less than or equal to 4.2% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
8. If the IC engine is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. If the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If the engine is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rule 4201; Kings County APCD Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Kings County APCD Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-6-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

19,750 GALLON (470 BBL) FIXED-ROOF CONDENSATE STORAGE TANK, TANK ID: 275.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. This tank shall be equipped with a vapor loss prevention system with a VOC collection efficiency of at least 95% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
15. Operator shall monitor vapor recovery compressor activation and shut off manometer pressures on quarterly basis to ensure that compressor activation pressure does not exceed pressure relief valve setting. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## **Initial TV Permit**

16. Operator shall inspect pressure relief valve for fugitive leaks annually in accordance with EPA Method 21, with the instrument calibrated with methane. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Operator shall maintain records of the pressure /vacuum relief setting for all pressure relief valves associated with the tank and vapor recovery system. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-7-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

15,200 GALLON FIXED-ROOF GASOLINE STORAGE TANK. TANK ID: #1298.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. This tank shall be equipped with a vapor loss prevention system with a VOC collection efficiency of at least 95% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
15. Operator shall monitor vapor recovery compressor activation and shut off manometer pressures on quarterly basis to ensure that compressor activation pressure does not exceed pressure relief valve setting. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## **Initial TV Permit**

16. Operator shall inspect pressure relief valve for fugitive leaks annually in accordance with EPA Method 21, with the instrument calibrated with methane. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Operator shall maintain records of the pressure /vacuum relief setting for all pressure relief valves associated with the tank and vapor recovery system. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-8-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

15,200 GALLON FIXED-ROOF GASOLINE STORAGE TANK. TANK ID: #1299.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. This tank shall be equipped with a vapor loss prevention system with a VOC collection efficiency of at least 95% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
15. Operator shall monitor vapor recovery compressor activation and shut off manometer pressures on quarterly basis to ensure that compressor activation pressure does not exceed pressure relief valve setting. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## **Initial TV Permit**

16. Operator shall inspect pressure relief valve for fugitive leaks annually in accordance with EPA Method 21, with the instrument calibrated with methane. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Operator shall maintain records of the pressure /vacuum relief setting for all pressure relief valves associated with the tank and vapor recovery system. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## Initial TV Permit

### San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-313-9-0

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

85 HP FORD FLAT HEAD IC ENGINE, NATURAL GAS FIRED, SN K6477, DRIVING AN AIR COMPRESSOR. \*\*DELETED  
PER 01/24/97 LETTER FROM J.P. OIL - CC\*\*

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Records of fuel use and operating hours shall be maintained, retained for at least two years, and be made available to the District upon request. [ ]
4. Daily NOx emissions shall not exceed 68 pounds/day. [ ]



**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-18-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

21,800 GALLON LPG STORAGE TANK, LOWER TANK FARM, TANK ID: 9941.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-19-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

20,800 GALLON LPG STORAGE TANK, LOWER TANK FARM, TANK ID: 4334.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-20-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

20,800 GALLON LPG STORAGE TANK, LOWER TANK FARM, TANK ID: 4333.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-21-0

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

20,600 GALLON LPG STORAGE TANK, LOWER TANK FARM, TANK ID: 1535. \*\*DELETED PER 01/24/97 LETTER FROM J.P. OIL - CC\*\*

## **PERMIT UNIT REQUIREMENTS**

1. Each piece of equipment or component subject to requirements of this permit unit shall be presumed to be in VOC service or in wet gas service and shall be tested for compliance with leak emission limits. [40 CFR 60.485(d) and 60.632(f)], [Federally Enforceable Through Title V]
2. The operator shall notify the APCO if they have elected to comply with the allowable percentage of leaking valves provisions of this permit 90 days before implementing this alternative. [40 CFR 60.483-1(b)(1) and (d), and 60.487(d)], [Federally Enforceable Through Title V]
3. A performance test shall be conducted initially upon designation for allowable percentage of leaking valves, annually, and at other times requested by the APCO. The performance test shall be conducted as follows: 1) all valves in gas /vapor and light liquid service shall be monitored within 1 week using EPA Method 21 and 2) the leak percentage shall be determined by dividing the number of leaking valves detected and valves for which repair has been delayed by the number of valves in gas/vapor and light liquid service in this permit unit, and 3) a record must be kept of the percent of valves found leaking during each leak detection period. [40 CFR 60.483-1(b)(2) and (c) and 60.483-2(b)(5) and (6)], [Federally Enforceable Through Title V]
4. When any component leak is detected or identified by a Notice to Repair, it shall be repaired to a leak-free condition and reinspected no later than 15 calendar days after detection. A first attempt at repair shall be made no later than 5 calendar days after leak detection. [District Rules 2520, 9.1 and 4403, 5.3.1, 5.3.2, and 5.2.9; 40 CFR 60.482-2(c)(1) and (c)(2), 60.482-3(g), 60.633 (b)(3), 60.482-7(d), and 60.482-8(c)], [Federally Enforceable Through Title V]
5. If the leak repair is technologically infeasible without a process unit shutdown and the leaking component is an essential part of a critical process identified in the operator management plan (OMP), delay of repair is allowed. However the operator shall minimize the leak within 15 calendar days. If the leak which has been minimized still exceeds the limit in this permit, the essential component shall be repaired to eliminate the leak during the next process unit turnaround, but in no case later than one year from the date of the original leak detection. Delay of repair is allowed for equipment which is isolated from the process and which does not remain in VOC service. [District Rule 4403, 4.2.1, 5.3.1.1 and 40 CFR 482-2(c)(1) and 482-9(a) and (b)], [Federally Enforceable Through Title V]
6. Equipment that is in vacuum service is exempt from the control and monitoring requirements and work practice standards of this permit unit, provided it is identified as such in the equipment log required by this permit. [District Rule 4403, 4.2.2; 40 CFR 60.482-1(d)], [Federally Enforceable Through Title V]
7. Each pump in light liquid service shall be monitored monthly for leak detection in accordance with EPA Method 21. Each such pump shall be monitored weekly by visual inspection for indication of liquids dripping from the pump seal. [District Rule 4403, 5.2.5 and 40 CFR 482-2(a)(1) and 482-2(b)(2)], [Federally Enforceable Through Title V]
8. Each pump in light liquid service, equipped with a dual mechanical seal system that includes a barrier fluid system, is exempt from the other leak detection monitoring requirements for this permit unit, provided requirements pursuant to 40 CFR 60.482-2(d) are met. The barrier fluid system of such exempt equipment shall be equipped with a sensor system to detect seal system failure, barrier fluid system failure, or both. Each such pump shall be checked weekly for liquid dripping from the seals. Each sensor shall be checked daily or equipped with an audible alarm. Such exempted equipment shall be documented in the OMP. [40 CFR 60.482-2(d)], [Federally Enforceable Through Title V]
9. All compressors associated with this permit unit shall be reciprocating compressors in wet gas service only. In wet gas service means that a piece of equipment contains or contacts the field gas before the extraction step in the process. [40 CFR 60.482-3(b), 60.633(f), 60.482-3(a), and 60.632(f)], [Federally Enforceable Through Title V]
10. Each pressure relief device in gas/vapor service shall be monitored quarterly and within 1 day after each pressure release to detect leaks of 10,000 ppm or greater. [District Rule 4403, 5.2.6 and 40 CFR 60.633(b)(1) and (2)], [Federally Enforceable Through Title V]
11. Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, so that the open end is sealed at all times, except during operations requiring process fluid flow through the valve or line. [District Rule 4403, 5.2.2 and 40 CFR 60.482-6(a)], [Federally Enforceable Through Title V]
12. Each open-ended valve or line equipped with a second valve shall be operated so that the valve on the process fluid end is closed before the second valve is closed. [40 CFR 60.482-6(b)], [Federally Enforceable Through Title V]

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13. When a double block-and-bleed system is being used, the bleed valve or line may remain open only during operations that require venting the line between the block valves. [40 CFR 60.482-6(c)], [Federally Enforceable Through Title V]
14. Each valve in gas/vapor service or light liquid service shall be monitored monthly to detect leaks using EPA Method 21. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every quarter. If a leak is subsequently detected, monitoring shall revert to monthly. [40 CFR 60.482-7(a), (b), and (c)], [Federally Enforceable Through Title V]
15. For a valve in gas/vapor service or light liquid service, first attempts at repair shall include the following where practicable: 1) tightening of bonnet bolts, 2) replacement of bonnet bolts, 3) tightening of packing gland nuts, and 4) injection of lubricant into lubricant packing. [40 CFR 60.482-7(e) and 60.482-8(d)], [Federally Enforceable Through Title V]
16. Any valve in gas/vapor service or light liquid service that is designated in the equipment log list and OMP as an unsafe-to-monitor valve is exempt from the monthly leak inspection requirements for this permit unit, provided: 1) the owner/operator demonstrates the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence, and 2) a written plan is adhered to that requires monitoring of the valve as frequently as practicable during safe-to-monitor times and at least annually and during shutdown. [District Rule 4403, 5.2.4; 40 CFR 60.482-7(g)], [Federally Enforceable Through Title V]
17. Any valve in gas/vapor service or light liquid service that is designated in the equipment log list and OMP as a difficult-to-monitor (inaccessible) valve is exempt from the monthly leak inspection requirements for this permit unit, provided: 1) the owner/operator demonstrates the valve cannot be monitored without elevating the monitoring personnel more than 15 feet above a support surface, or that it is over 6 feet away from a platform, 2) the process unit within which the valve is located either becomes an affected facility through 40 CFR 60.14 or 60.15 or if the owner/operator designates less than 3.0% of the total number of valves as difficult-to-monitor, and 3) a written plan is adhered to that, requires monitoring of the valve at least annually and during shutdown. [District Rule 4403, 3.1.7 and 5.2.4; 40 CFR 60.482-7(h)], [Federally Enforceable Through Title V]
18. Pressure relief devices in light liquid service and flanges and other connectors shall be monitored within 5 days for leak detection in accordance with EPA Method 21, if evidence of a potential leak is found by sight, sound, smell, or any other detection method. A leak is detected if an instrument reading of 10,000 ppm or greater is measured. [40 CFR 60.482-8(a) and (b)], [Federally Enforceable Through Title V]
19. An owner or operator of more than one affected onshore natural gas processing facility subject to NSPS requirements for equipment leaks for VOC, may comply with the recordkeeping requirements for these facilities in one recordkeeping system if the system identifies each record by each facility. [40 CFR 60.486(a)(1) and (2)], [Federally Enforceable Through Title V]
20. When a leak is detected or identified by a Notice to Repair, a weatherproof and readily visible tag shall be attached, bearing the equipment identification number and date which the leak is detected. The tag on a valve may be removed after it has been monitored for 2 successive months and no leak has been detected. The tag of all other equipment may be removed after repair and re-inspection document compliance with the requirements of this permit unit. [District Rule 4403, 5.2.7 and 5.3.2; 40 CFR 60.486(b) and 60.635(b)(1)], [Federally Enforceable Through Title V]
21. Any leak detected on the basis of sight, smell, or sound or identified by a Notice to Repair shall be identified by the operator affixing a weatherproof readily visible tag bearing the date on which the leak is detected. The tag shall remain in place until repair and reinspection document compliance, whether or not operator inspection is otherwise required by this permit. [District Rule 4403, 5.2.8 and 5.3.2], [Federally Enforceable Through Title V]
22. When a leak is detected, the following information shall be recorded in an inspection log: 1) instrument and operator identification numbers and the equipment identification number, 2) date the leak was detected, dates and repair method of each attempt to repair the leak, and date of successful repair 3) "above 10,000" if the maximum instrument reading after each repair attempt is equal to or greater than 10,000 ppm, 4) "repair delayed" and reason for delay and expected date of successful repair if a leak is not repaired within 15 days of detection, 5) signature of individual whose decision it was that repair could not be effected without a process shutdown, 6) dates of process unit shutdown that occur while the equipment is unrepaired. [District Rule 4403, 6.2.1 and 40 CFR 60.486(c) and 60.635(2)(i) through (ix)], [Federally Enforceable Through Title V]
23. A log shall be maintained containing the following information: 1) a list of identification numbers for equipment subject to the requirements of this permit unit and 2) a list of identification numbers for equipment in vacuum service. [40 CFR 60.486(e) and 60.635(b)(2)(x)], [Federally Enforceable Through Title V]
24. A log shall be maintained containing the following information for valves in gas/vapor service and light liquid service: 1) a list of identification numbers for valves designated "unsafe-to-monitor" and for valves designated "difficult-to monitor", 2) an explanation for each valve stating why it is so designated, and 3) the schedule for monitoring each such valve. [40 CFR 60.486(f)], [Federally Enforceable Through Title V]
25. A log shall be maintained containing the following information for pumps equipped with a barrier fluid seal system which includes a seal failure sensor, for which a system failure criteria is required to be established, pursuant to the requirements for this permit unit: 1) the design criterion required by this permit and an explanation and 2) any changes to this criterion and reasons for the changes. [40 CFR 60.486(h)], [Federally Enforceable Through Title V]
26. Information and data used to demonstrate that a reciprocating compressor is in wet gas service shall be recorded in a log. [40 CFR 60.635(c)], [Federally Enforceable Through Title V]

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27. A new or modified operator management plan shall be submitted to the APCO with any application for Authority to Construct for modification of this permit unit. [District Rule 4403, 6.1.2], [Federally Enforceable Through Title V]
28. An initial semiannual report containing information, pursuant to 40 CFR 60. 487(b) and 60.636(b), shall be submitted to the APCO beginning 6 months after the initial startup date. [40 CFR 60.487(b) and 60.636(b)], [Federally Enforceable Through Title V]
29. Semiannual reports shall be submitted to the APCO containing the following information: 1) process unit identification, 2) for each month during the reporting period, number of valves, pumps, compressors, and pressure relief devices for which leaks were detected; number of valves, pumps, compressors, and pressure relief devices for which leaks were not repaired within 15 days and a first attempt not made within 5 days of leak detection; the facts that explain each delay of repair and, where appropriate, why a process unit shutdown was technically infeasible 3) dates of process unit shutdowns which occurred within the reporting period, and 4) revisions to items reported in the initial or subsequent semiannual reports. [40 CFR 60.487(a) and (c) and 60.636(c)], [Federally Enforceable Through Title V]

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**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-22-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

21,800 GALLON LPG STORAGE TANK, LOWER TANK FARM, TANK ID: 9942.

## **PERMIT UNIT REQUIREMENTS**

1. If this unit has a capacity of 19,800 gallons or less and is used to store gasoline, the storage vessel shall be equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the container. [District Rule 4623, 5.4], [Federally Enforceable Through Title V]
2. Temporary tanks, with capacities of 21,000 gallons or less, shall not be left on site for greater than 6 months. [District Rule 4623, 4.2.3], [Federally Enforceable Through Title V]
3. For any tank designated for emergency standby, in existence prior to May 1, 1979, and which stores exclusively petroleum distillate or crude oil, the following shall apply: 1) The tank shall be equipped with a pressure relief device set to within ten (10) percent of the maximum allowable working pressure of the tank; 2) Each use of the tank shall not exceed 30 days and, prior to returning the tank to emergency status, the tank shall be thoroughly drained; and 3) After a tank has been used (filled or partially filled) and draining of the tank has begun, any further filling of the tank shall constitute a separate use of the tank. [District Rule 4623, 4.2.1], [Federally Enforceable Through Title V]
4. If the unit is an emergency standby tank, operator shall record liquids stored in each container, storage temperature, Reid vapor pressure of liquids, the date(s) liquid is first introduced into the tank, and date(s) tank is fully drained. Such records shall be submitted to the APCO 60 days prior to permit renewal. [District Rule 4623, 6.1.2], [Federally Enforceable Through Title V]
5. If the unit is a tank with a capacity of less than 84,000 gallons or less of a small producer with a daily throughput of less than 6,300 gallons per day, and equipped with a pressure relief device set to within 10 percent of the maximum allowable working pressure of the tank, the operator shall maintain records of average daily throughput. The operator shall submit records to the APCO 30 days prior to permit renewal. [District Rule 4623, 6.1.3], [Federally Enforceable Through Title V]
6. Operator shall keep a record of liquids stored in each container, storage temperature and the Reid vapor pressure of such liquids. [District Rule 4623, 6.1], [Federally Enforceable Through Title V]
7. True vapor pressure shall be measured using Reid vapor pressure ASTM Method D323-82 modified by maintaining the hot water bath at storage temperature. Where storage temperature is above 100 degrees Fahrenheit true vapor pressure shall be determined by Reid vapor pressure at 100 degrees Fahrenheit and ARB-approved calculations. [District Rule 4623, 6.2.2], [Federally Enforceable Through Title V]
8. True vapor pressure of crude oil with an API (American Petroleum Institute) gravity less than 30 degrees, as determined by API 2547, may be determined by Headspace Gas Chromatography using the procedures from ARB Evaluation of a Method for Determining Vapor Pressures of Petroleum Mixtures by Headspace Gas Chromatography, October 1990. [District Rule 4623, 6.2.3], [Federally Enforceable Through Title V]
9. If the unit is a pressure vessel maintaining working pressures sufficient at all times to prevent organic liquid loss or VOC loss to the atmosphere, then no monitoring or recordkeeping shall be required. [District Rule 4623, 4.1], [Federally Enforceable Through Title V]
10. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4623 (amended December 17, 1992). A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40CFR60 Subpart K, Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of SJVUAPCD Rules 4661 (amended December 17, 1992); 4801 (amended December 17, 1992); and 4623 (amended December 17, 1992), Sections 5.1, 5.2, and 5.3, do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-24-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

GASOLINE (C5+) LOADING RACK WITH VAPOR RECOVERY SYSTEM SERVING RACK, C5+ STORAGE VESSELS, AND DRIPS VESSELS. PREVIOUSLY PERMITTED AS C-313-1-0.

**PERMIT UNIT REQUIREMENTS**

1. All loading and vapor recovery equipment shall be maintained such that there is no liquid or vapor leakage of petroleum products. [District NSR Rule], [Federally Enforceable Through Title V]
2. The permittee shall record daily throughput. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
3. The daily throughput for the loading rack shall not exceed 43,600 gallons of gasoline (C5+). [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of VOC from the loading rack shall not exceed 47.9 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
5. The Operator Management Plan for the facility shall include this loading rack. [District Rule 4403, 6.1], [Federally Enforceable Through Title V]
6. Operator shall ensure all required source testing conforms to the compliance testing procedures described in District Rule 1081 (as amended December 16, 1993). [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
7. Operator shall maintain all records of required monitoring data and support information for inspection for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
8. This unit shall be equipped with a system to prevent the release to atmosphere of at least 95% by weight of the VOCs displaced during the loading of delivery vessels. [District Rule 4624, 5.1.2 and Fresno County Rule 412(C)(1)], [Federally Enforceable Through Title V]
9. The vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. This requirement shall not apply to the loading of liquid petroleum gas. [District Rules 4621, 5.3.4 and 4624, 5.2], [Federally Enforceable Through Title V]
10. The transfer of gasoline from any delivery vessel to any stationary storage container with 250 gallon capacity or more shall not be allowed unless the container is equipped with a permanent submerged fill pipe and an ARB certified Phase I vapor recovery system, which is maintained and operated according to the manufacturers specifications. [District Rule 4621, 5.1.1], [Federally Enforceable Through Title V]
11. No gasoline shall be placed, stored, or held in any above-ground tank of 250 gallon capacity or more unless it is equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the tank. [District Rule 4621, 5.1.2], [Federally Enforceable Through Title V]
12. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 lb/1000 gallons loaded; or Class 2 loading facilities equipped with a system to control at least 95% of VOC displaced; and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rules 4621, 5.2.2 and 4624, 5.3; and Kings County Rule 412, 4(a)], [Federally Enforceable Through Title V]
13. No gasoline delivery vessel shall be used or operated unless it is vapor tight. No gasoline delivery vessel shall be operated or loaded unless valid State of California decals are displayed on the cargo tank, attesting to the vapor integrity of the tank as verified by annual performance of CARB required Certification and Test Procedures for Vapor Recovery Systems for Cargo Tanks. [District Rule 4621, 5.2.1 & 5.2.2, Health & Safety Code, section 41962, and CCR, Title 17 section 94004], [Federally Enforceable Through Title V]
14. Loading throughput of organic liquid, with a TVP of 1.5 psia or greater shall not exceed 20,000 gallons on any one day at this loading facility. Monitoring records of daily throughput shall be maintained to demonstrate compliance. [District Rules 4624, 3.3 and 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Gasoline vapors shall not be purged into the atmosphere. [District Rule 4621, 5.3.3], [Federally Enforceable Through Title V]
16. Construction, reconstruction (as defined in District Rule 4001, amended January 19, 1995), or expansion of any top loading facility shall not be allowed. [District Rule 4624, 5.5], [Federally Enforceable Through Title V]



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17. Loading and vapor collection equipment shall be designed, installed, maintained and operated such that there are no leaks or excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls for bottom loading or 2 mls for top loading, per average of 3 consecutive disconnects. [District Rule 4624, 5.4, 3.6 and Fresno County Rule 412], [Federally Enforceable Through Title V]
18. During the loading of delivery vehicles, operator shall perform and record the results of quarterly leak inspections of the loading and vapor collection equipment at each loading arm. If none of the components are found to be leaking during five consecutive quarterly inspections, the leak inspection frequency may be changed from quarterly to semiannual. However, if one or more of the components are found to leak during a semiannual inspection, the inspection frequency shall change back to quarterly. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be measured at a distance of one centimeter from the potential source. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
19. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of quarterly drainage inspections at disconnect for each loading arm. If no excess drainage is found during five consecutive quarterly inspections, the drainage inspection frequency may be changed from quarterly to annual. However, if one or more excess drainage condition is found during an annual inspection, the inspection frequency shall change back to quarterly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. The permittee shall maintain an inspection log containing at least the following: A) dates of leak and drainage inspections, B) leak determination method, C) findings, D) corrective action (including date each leak or excess drainage condition repaired), and E) inspector name and signature. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624, 6.2.1 and County Rules 412 (Fresno, Kings, Stanislaus, Merced, and San Joaquin), 413 (Kern and Tulare), and 419 (Merced)], [Federally Enforceable Through Title V]
23. VOC emissions shall be determined annually using 40CFR 60.503 "Test Methods and Procedures," and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 432, or ARB Method 2-4. [District Rule 4624, 6.2.2], [Federally Enforceable Through Title V]
24. The vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. The test method to determine vapor tightness of delivery vessels owned or operated by this facility shall be EPA Method 27. [District Rule 4621, 6.2.3], [Federally Enforceable Through Title V]
26. The vapor collection and control system shall consist of a device which returns collected vapors to a product storage tank only. The system shall not include a device which incinerates, adsorbs or otherwise treats collected vapors. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
27. Loading of a delivery vessel shall discontinue if its pressure relief valve opens. Corrective action shall be taken should this condition occur. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), 110 (Madera), and 412 (Fresno and Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rules 4621 (as amended May 20, 1993), excluding section 5.2 for railroad car gasoline delivery vessels only, and 4624 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
30. The requirements of SJVUAPCD Rules 4661 (as amended December 17, 1992); County Rules 412 (Stanislaus, Merced, and San Joaquin), 413 (Kern and Tulare), and 419 (Merced); and 40CFR Part 60, Subpart XX and 40CFR Part 63, Subpart R do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** C-313-25-1

**EXPIRATION DATE:** 01/31/2004

**EQUIPMENT DESCRIPTION:**

LOW TEMPERATURE GAS SEPARATION PLANT INCLUDING DRIPS SKID, GAS SKID, THERMINOL SKID, REFRIGERATION SYSTEM, AND COOLING SYSTEM.

## **PERMIT UNIT REQUIREMENTS**

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1. Fugitive VOC emissions from the plant shall not exceed 19.2 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
  2. The plant shall be operated , maintained, and inspected in accordance with District Rule 4403. [District Rule 4403], [Federally Enforceable Through Title V]
  3. Permittee shall maintain with the permit, accurate fugitive component counts and resulting emissions calculated using U.S. EPA publication EPA-450/3-83-007, Tables 3-1 and 3-4. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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